

# NYISO OPERATIONS REPORT

## FOR the Month of December 2018

### Peak Load

The peak load for the month was 22,080 MW, which occurred on Thursday, December 18, 2018, for hour beginning 17:00. At that time the Operating Reserve requirement was 1,965 MW. This resulted in a minimum total Operating Capacity requirement of 24,045 MW for that hour.

### Reserve Requirements:

| Reserve     | 10 sync | Non sync | 30 min |
|-------------|---------|----------|--------|
| Requirement | 655     | 1,310    | 1,965  |
| For Hour    | 1,056   | 2,689    | 5,049  |
| DSASP Cont. | 86      | 0        | 86     |

The NYCA all time winter peak load of 25,738 MW, which occurred on Tuesday, January 7, 2014 for hour beginning 18:00.

### Major Emergencies

None

The Major Emergency state was declared 0 times during December of 2017

### Alert States

ON 6 OCCASIONS AN ALERT STATE WAS DECLARED:

- 1 SYSTEM FREQUENCY 1 LOW 0 HIGH
- 1 ACE GREATER THAN (+OR-) 500MW
- 0 SHORTAGE OF 10 MIN SYNCHRONIZED RESERVE
- 0 SHORTAGE OF 10 MIN TOTAL RESERVE
- 0 ACTUAL FLOW EXCEEDING LTE FOR LESS THAN 5 MIN
- 0 ACTUAL VOLTAGE BELOW PRE-CONTINGENCY LOW LIMIT
- 2 EXCEEDING CENTRAL EAST VOLTAGE CONTINGENCY LIMIT
- 0 EXCEEDING TRANSIENT STABILITY LIMIT
- 0 NYISO COMPUTER PROBLEM
- 0 NEIGHBORING SYSTEM 5% VOLTAGE REDUCTION
- 2 EMERGENCY TRANSFER DECLARED
- 0 GIC (SMD) ACTIVITY
- 0 SEVERE WEATHER
- 0 OTHER

The Alert state was declared 17 times during December of 2017

### Thunder Storm Alerts

0 Thunder Storm Alerts were declared for the month of December for a total of 0 hours

**Reserve Activations**

ON 4 OCCASIONS RESERVES WERE ACTIVATED DURING THE MONTH:

- 3 LOSS OF NEW YORK CONTROL AREA GENERATORS
- 0 MAINTENANCE OF SYNCHRONIZED RESERVES
- 1 SIMULTANEOUS ACTIVATION OF RESERVES
  - 0 FOR ISO-NE
  - 0 FOR IESO
  - 0 FOR PJM
  - 1 FOR NYISO
  - 0 FOR NB
- 1 LARGE CONTROL ERRORS (ABOVE 200MW)
  - 0 LOAD PICKUP
  - 0 SCHEDULE CHANGE & LOAD PICKUP
  - 0 SCHEDULE CHANGE
  - 0 SCHEDULE CHANGE DUE TO TLR
  - 1 OTHER (FIXED GEN CHANGES / COMPUTER PROBLEMS)

- 0 OF THESE RESERVE ACTIVATION'S DID NOT RESULT IN THE ACE-CROSSING ZERO
- 0 OF THE NON-ZERO CROSSINGS REQUIRED ANOTHER RESERVE PICKUP TO BE INITIATED
- 0 NON-ZERO CROSSINGS WERE ASSOCIATED WITH A UNIT LOSS

ON 4 OCCASIONS RESERVES WERE ACTIVATED DURING THE MONTH OF December 2017  
4 OF THESE PICKUPS WERE FOR ACE.

**Emergency Actions**

Special Case Resources: None  
 Emergency Demand Response Program: None  
 Purchases: None  
 Sales: None

**TLR 3 Declared**

0 TLR Level 3's were declared for the month of December for a total of 0 hours

**Inadvertent Accumulations for November-2018**

|           | <u>Monthly<br/>Accumulation</u> |     | <u>End of Month<br/>Balance</u> |     |
|-----------|---------------------------------|-----|---------------------------------|-----|
| On-Peak:  | 1,509                           | MWh | 14,358                          | MWh |
| Off-Peak: | -2,928                          | MWh | -15,054                         | MWh |

**NERC Control Performance**

CPS1: 176.24 %  
 BAAL Violations None

**NERC/NPCC Reportable DCS Events**

On December 10, 2018 a RPU was initiated at 08:39 for loss of Kintigh loaded at 600MW. ACE crossed zero and the RPU was terminated at 08:49.

On December 12, 2018 a RPU was initiated at 14:39 and SAR was initiated at 14:38 for loss of Sithe Independence

loaded at 1,000 MW. ACE crossed zero and the RPU was terminated at 14:46. SAR was terminated at 15:08.